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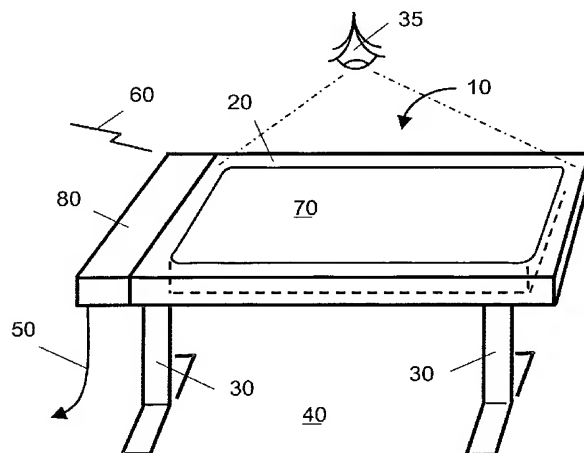
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(54) Title: SCANNING DISPLAY APPARATUS



(57) Abstract: A scanning display apparatus (10) is described. The apparatus (10) includes a display (70) operable: (i) to receive driver signals and generate corresponding visual information for presentation on the display (70); and (ii) to sense radiation received at the display (70) and generating corresponding sensing signals corresponding to a region proximate to the display. The apparatus (10) also includes computer hardware (80) coupled to the display (70) for generating the one or more driver signals for the display (70) and for receiving the one or more sensing signals from the display (70), the computer hardware (80) being operable to provide an interactive user interface (UI) at the display (70). The display (70) comprises an array of pixel devices (150), each such device (150) integrally being operable to emit radiation therefrom or transmit radiation therethrough, and also to sense radiation incident thereupon. Preferably, the pixel devices (150) are implemented in polyLEDs and/or LCD/TFT technologies.

WO 2005/091124 A1



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